


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																													
Kalamazoo River/Enbridge Spill		06/7/2012		1700																																															
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :																																														
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	06/7/2012 0630																																												
		Position:		Operations Section Chief		To:	06/7/2012 1700																																												
7. Personnel Roster Assigned																																																			
Name		ICS Position			DUTY CELL																																														
Dan Capone		Operations Section Chief																																																	
Joe Victory		Operations Section Chief																																																	
Rex Johnson		Deputy Director																																																	
Dan Zahner		Field Team Lead																																																	
Greg Wagner		CBM Team 2																																																	
8. Activity Log																																																			
Activity Area					LAT	LAT																																													
					Various	Various																																													
					(DD.MMMM)	(DD.MMMM)																																													
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>																																																	
		<u>DENSITY OF OIL /SHEEN</u>																																																	
Total Collection Points																																																			
Total Boom Deployed																																																			
Activity		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></p> <p>Greg Wagner and Dylan Massey (LBG) conducted (1) Control & Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile post 2.25 (C0.0) through 14.00 (2) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0700: IAP Meeting • 0730: Weekly All-Hands START meeting with MDEQ • 0800- 1700: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions. <p><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></p> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr> <td>MP 2.25 (C 0.0 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 5.25 (C0.4 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 10.0 (C3.2 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 15.0 (C5 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 18.75 (D2 Launch)</td> <td>74.4</td> <td>65.0</td> <td>1.0</td> </tr> <tr> <td>MP 21.5 (D5)</td> <td>71.1</td> <td>63.8</td> <td>4.4</td> </tr> <tr> <td>MP 27.0 (E0.5 Launch)</td> <td>69.1</td> <td>62.9</td> <td>0.6</td> </tr> <tr> <td>MP 30.0 (E2 Launch)</td> <td>67.6</td> <td>62.0</td> <td>0.6</td> </tr> <tr> <td>MP 35.0 (E3 Launch)</td> <td>66.7</td> <td>61.7</td> <td>0.0</td> </tr> <tr> <td>MP 38.0 (E4 Launch)</td> <td>66.3</td> <td>66.4</td> <td>0.9</td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)				MP 5.25 (C0.4 Launch)				MP 10.0 (C3.2 Launch)				MP 15.0 (C5 Launch)				MP 18.75 (D2 Launch)	74.4	65.0	1.0	MP 21.5 (D5)	71.1	63.8	4.4	MP 27.0 (E0.5 Launch)	69.1	62.9	0.6	MP 30.0 (E2 Launch)	67.6	62.0	0.6	MP 35.0 (E3 Launch)	66.7	61.7	0.0	MP 38.0 (E4 Launch)	66.3	66.4	0.9
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AVERAGE	69.2	63.6	1.3
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WEEKLY/AFTER RAIN EVENT INSPECTION:

Talmadge Creek: (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:

MP 0.04: Below Source (Culvert 1):

MP 0.27: Between Source & Division Road (Culvert 2):

MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):

MP 1.09: 16 Mile Road (Culvert 5):

MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7):

MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9):

MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:

Kalamazoo River: Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam):

MP 8.50 L1 (8.48 LDB):

MP 8.50 L3 (8.48 LDB):

MP 8.75 R1:

MP 9.00 I2 (8.97I):

MP 10.75 LDB:

MP 11.75 L2 (11.79 LDB):

MP 14.98I:

MP 15.65 (Battle Creek Spillway): Control point intact. Observed sheen (6" x 6" = ¼ sq. ft.) on the downstream side of the control point boom today. LBG called the sheen in for cleanup.

MP 17.00 L1 (Rock Tenn): Containment has been removed.

MP 21.50 (Oxbow): Containment booms intact. Silver sheen observed today. Area of sheen is 1' x 1' = 1 sq. ft.

MP 30.8 LDB: Containment intact. No sheen was observed today.

MP 37.75 (E4): Control point booms and collection point intact. Silver and small quantity of rainbow sheen observed here today. Area of sheen is 1' x 600' = 600 sq. ft.

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:

MP 2.25 to MP 5.90:

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65:

MP 15.65 to MP 18.75:

MP 18.75 to MP 30.00:

MP 30.00 to MP 35.25:

MP 35.25 to MP 37.75:

MP 37.75 to MP 40.00:

Total sheen in control points: 600 sq. ft.

Total sheen within containment: 1 sq. ft.

Total Sheen: 601 sq. ft.

	<p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM-2 inspected MP 27.75 today. The area was called from previous information on sheen that was gathered yesterday. No sheen was observed in this area by CBM-2 today.</p> <p>CBM-2 inspected the ponded back channel area at MP 26.25 RDB. Silver and rainbow sheen was observed in the pooled water areas, but resembled heavy biogenic sheen. Two hexane test sets were collected by CBM-2 in the back channel. Both tests were negative and the sheen was identified as biogenic.</p>
Health and Safety Issues	
Comments	